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<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/486,262	UCHIDA ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Marc Jimenez	3726	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 8/5/04.
2. ☒ The allowed claim(s) is/are 1-6, 8-23 and 31-35.
3. ☒ The drawings filed on 24 February 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

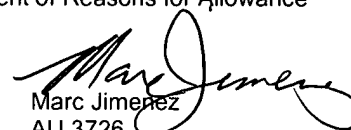
\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

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|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|---|--|

  
 Marc Jimenez  
 AU 3726  
 8/30/04

### **REASONS FOR ALLOWANCE**

1. The following is an examiner's statement of reasons for allowance:

The amendments to the claims overcome the prior art rejections. Furthermore, applicant's arguments filed on 8/5/04 are persuasive in overcoming the prior art rejections.

The prior art does not teach or suggest a paper feed roller including a hydraulic composition comprising hydraulic powder and a non-hydraulic powder and a workability improver, with the non-hydraulic powder being selected from the group consisting of calcium carbonate powder, slug powder, fly ash powder, silica powder and silica fume powder, and the workability improver being one of a powder and an emulsion of at least one resin selected from the group consisting of : vinyl acetate resin, a copolymer resin with vinyl acetate, acrylic resin, a copolymer resin with acryl, styrene resin, a copolymer resin with styrene, and an epoxy resin, in combination with all of the other limitations of independent claims 1 and 3.

The prior art does not teach or suggest a method for producing a paper feed roller including a hydraulic composition comprising hydraulic powder and a non-hydraulic powder and a workability improver, with the non-hydraulic powder being selected from the group consisting of calcium carbonate powder, slug powder, fly ash powder, silica powder and silica fume powder, and the workability improver being one of a powder and an emulsion of at least one resin selected from the group consisting of : vinyl acetate resin, a copolymer resin with vinyl acetate, acrylic resin, a copolymer resin with acryl, styrene resin, a copolymer resin with styrene, and an epoxy resin, in combination with all of the other limitations of independent claims 8, 10, 12, and 18.


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The prior art does not teach or suggest a method for producing a paper feed roller including forming a plurality of cylindrical molded bodies by press molding a mixture of a hydraulic composition comprising a hydraulic powder and a non-hydraulic powder and a means for improving moldability and mold-releaseability of the cylindrical molded bodies, in combination with all of the other claim limitations of independent claim 31.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marc Jimenez whose telephone number is (703) 306-5965. The examiner can normally be reached on Monday-Friday between 5:30 a.m.-2:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Vo can be reached on (703) 308-1789. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

  
Marc Jimenez  
Patent Examiner  
AU 3726

**MJ**  
August 31, 2004